

L Number	Hits	Search Text	DB	Time stamp
-	57	"object security" and "digital signature"	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/07 15:02
-	24	("object security" and "digital signature") and (cable "CATV" video)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/01 16:27
-	1	("20010010720").PN.	USPAT; US-PPGPUB	2003/10/01 16:34
-	1049	713/176	USPAT; US-PPGPUB	2003/10/01 16:43
-	66	(713/176 and @ad<19991112) and ((send\$3 transmit\$4) near signature)	USPAT; US-PPGPUB	2003/10/01 16:46
-	242	(713/176 and @ad<19991112) and (cable "TV" television "CATV" (set adj top) decoder)	USPAT; US-PPGPUB	2003/10/01 17:09
-	6	("4805222"   "5625693"   "5703995"   "5999637"   "6163644"   "6272253").PN.	USPAT	2003/10/02 10:53
-	3	thomsen and consumer and electronics	EPO; JPO; DERWENT; IBM TDB	2003/10/02 10:59
-	1	2001-265984.NRAN.	DERWENT	2003/10/02 10:56
-	22	"5625693"	USPAT; US-PPGPUB	2003/10/02 11:00
-	1	("5625693").PN.	USPAT; US-PPGPUB	2003/10/02 12:33
-	1	((("5933498").PN.) and (signature sign hash \$crypt\$)	USPAT; US-PPGPUB	2003/10/02 12:50
-	1	((("5933498").PN.) and (signature sign hash (\$crypt\$ near rule))	USPAT; US-PPGPUB	2003/10/02 12:58
-	1795	@ad<19991112 and ((signature sign) adj3 both)	USPAT; US-PPGPUB	2003/10/02 13:06
-	62	@ad<19991112 and (((signature sign) adj3 both) same separate)	USPAT; US-PPGPUB	2003/10/02 13:07
-	94	@ad<19991112 and (((signature sign) adj3 both) same separate\$)	USPAT; US-PPGPUB	2003/10/02 13:07
-	18	@ad<19991112 and (((signature sign) adj3 both) and ((transmit\$4 send\$3) near separate\$))	USPAT; US-PPGPUB	2003/10/02 13:46
-	1	("6005938").PN.	USPAT; US-PPGPUB	2003/10/02 13:46
-	600	713/176 and @ad<19991112	USPAT; US-PPGPUB	2003/10/02 13:47
-	477	(713/176 and @ad<19991112) and (multiple separate\$3)	USPAT; US-PPGPUB	2003/10/02 13:51
-	89	((713/176 and @ad<19991112) and (multiple separate\$3)) and (cable and distribut\$3)	USPAT; US-PPGPUB	2003/10/02 13:51
-	78	((713/176 and @ad<19991112) and (multiple separate\$3)) and (cable and distribut\$3)) and access	USPAT; US-PPGPUB	2003/10/07 15:54
-	28	((((713/176 and @ad<19991112) and (multiple separate\$3)) and (cable and distribut\$3)) and access) and authorization	USPAT; US-PPGPUB	2003/10/02 13:53
-	19	((((713/176 and @ad<19991112) and (multiple separate\$3)) and (cable and distribut\$3)) and access) and authorization) and signature	USPAT; US-PPGPUB	2003/10/02 14:18
-	35	"5933498"	USPAT; US-PPGPUB	2003/10/02 14:18
-	21	"5933498" and (hash signature sign)	USPAT; US-PPGPUB	2003/10/02 15:07
-	470	@ad<19991112 and ((EMM ECM) same (program instance service))	USPAT; US-PPGPUB	2003/10/02 15:08
-	456	(scientific-atlanta).as.	USPAT; US-PPGPUB	2003/10/02 15:08

-	12	((scientific-atlanta).as.) and (@ad<19991112 and ((EMM ECM) same (program instance service))) 5420866.URPN.	USPAT; US-PGPUB	2003/10/02 15:08
-	74	713/176.cccls. and @ad<19991112	USPAT	2003/10/02 15:11
-	412	725/25.cccls. and @ad<19991112	USPAT; US-PGPUB	2003/10/06 08:52
-	111	725/25.cccls. and @ad<19991112	USPAT; US-PGPUB	2003/10/06 08:36
-	10071	713/.cccls. and @ad<19991112	USPAT; US-PGPUB	2003/10/06 08:53
-	6	(713/.cccls. and @ad<19991112) and (725/25.cccls. and @ad<19991112)	USPAT; US-PGPUB	2003/10/06 09:12
-	128	713/181.cccls. and @ad<19991112	USPAT; US-PGPUB	2003/10/06 09:12
-	31	(("conditional access" or (("ECM" "EMM") near (instance object))) and ((signature hash authenticat\$3 verif\$3) near (multipl\$3 pluralit\$3))) 713/167.cccls.	USPAT; US-PGPUB	2003/10/06 09:25
-	129	380/239.cccls.	USPAT; US-PGPUB	2003/10/06 09:25
-	173	380/239.cccls.	USPAT; US-PGPUB	2003/10/06 09:25
-	1	380/239.cccls. and 713/167.cccls.	USPAT; US-PGPUB	2003/10/06 09:25
-	301	380/239.cccls. 713/167.cccls.	USPAT; US-PGPUB	2003/10/06 09:26
-	256	(380/239.cccls. 713/167.cccls.) and @ad<19991112	USPAT; US-PGPUB	2003/10/06 09:26
-	75	((380/239.cccls. 713/167.cccls.) and @ad<19991112) and ("digital signature" hash)	USPAT; US-PGPUB	2003/10/06 09:26
-	2000	((signature hash authenticat\$3 verif\$3) near (multiple plurality))	USPAT; US-PGPUB	2003/10/06 09:35
-	1103	((signature hash authenticat\$3 verif\$3) near (multiple plurality)) and @ad<19991112	USPAT; US-PGPUB	2003/10/06 09:35
-	16819	"TOWNSEND AND TOWNSEND"	USPAT; US-PGPUB	2003/10/06 09:36
-	12022	"TOWNSEND AND TOWNSEND" and "CREW"	USPAT; US-PGPUB	2003/10/06 09:36
-	126	("TOWNSEND AND TOWNSEND" and "CREW") and (hash)	USPAT; US-PGPUB	2003/10/06 09:45
-	22	(sprunk and eric).in.	USPAT; US-PGPUB	2003/10/06 09:58
-	133	713/181.cccls.	USPAT	2003/10/06 12:53
-	33	713/177.cccls.	USPAT	2003/10/06 12:54
-	33	713/177.cccls. and @ad<19991112	USPAT	2003/10/06 15:11
-	11	("4309569"   "4661658"   "4850177"   "4908861"   "4918728"   "4924514"   "4924515"   "4941176"   "4993069"   "5007089"   "5103478").PN.	USPAT	2003/10/06 13:50
-	8	("4405829"   "4625076"   "4868877"   "4881264"   "4972474"   "5001752"   "5136646"   "5136647").PN.	USPAT	2003/10/06 14:02
-	39	5479509.URPN.	USPAT	2003/10/06 14:45
-	2	"detached signature"	USPAT	2003/10/06 16:21
-	2949	(hash or (digital adj sign\$6)) adj (one two multiple plurality many several)	USPAT	2003/10/06 16:23
-	2716	((hash or (digital adj sign\$6)) adj (one two multiple plurality many several)) and @ad<19991112	USPAT	2003/10/06 16:22
-	93	(hash) adj (one two multiple plurality many several)	USPAT	2003/10/07 15:54
-	26	(hash or (digital adj sign\$6)) same ((concat\$6) near (one two multiple plurality many several))	USPAT	2003/10/06 16:25

-	10	(hash or (digital adj (sign signature))) same ((concat\$6) near (one two multiple plurality many several))	USPAT	2003/10/06 16:52
-	326	(hash or (digital\$2 adj (sign signature))) same ((concat\$6))	USPAT	2003/10/06 16:52
-	60	(hash or (digital\$2 adj (sign signature))) adj3 ((concat\$6))	USPAT	2003/10/06 17:09
-	10	message adj spooler	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:11
-	608	object near signature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:11
-	2	signatory adj group	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:23
-	7	("4200770"   "4206315"   "4218582"   "4218738"   "4288659"   "4405829"   "4424414").PN.	USPAT	2003/10/06 17:18
-	32	5568554.URPN.	USPAT	2003/10/06 17:19
-	127	@ad<19991112 and (hash or (digital\$3 adj (sign signature))) and ("ECM" "EMM" entitlements)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:24
-	127	@ad<19991112 and (hash or (digital\$3 adj (sign signature))) and ("ECM" "EMM" entitlement)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:24
-	25	@ad<19991112 and (hash or (digital\$3 adj (sign signature))) same ("ECM" "EMM" entitlement)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 09:20
-	3	("5073930"   "5642151"   "5787335").PN.	USPAT	2003/10/07 09:19
-	46	"5870474"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 09:20
-	2	(("5420866") or ("5870474")).PN.	USPAT; US-PGPUB	2003/10/07 10:17
-	12	key near (separat\$3) near (packets stream object)	USPAT; US-PGPUB	2003/10/07 10:26
-	8	key near (separat\$3) near (message)	USPAT; US-PGPUB	2003/10/07 12:50
-	22	("0033189"   "4405829"   "4531020"   "4613901"   "4634807"   "4912762"   "5029207"   "5124117"   "5237610"   "5341525"   "5381481"   "5400401"   "5420866"   "5473692"   "5481542"   "5481613"   "5557678"   "5557765"   "5559889"   "5563950"   "5568552"   "5583939").PN.	USPAT	2003/10/07 11:15
-	1	("5,933,498").PN.	USPAT; US-PGPUB	2003/10/07 16:10
-	702	@ad<19991112 and "conditional access"	USPAT; US-PGPUB	2003/10/07 13:45
-	141	(@ad<19991112 and "conditional access") and entitlement	USPAT; US-PGPUB	2003/10/07 13:45
-	84	@ad<19991112 and ("OOB" "out of band")	USPAT; US-PGPUB	2003/10/07 14:12
-	27	(@ad<19991112 and ("OOB" "out of band") ) and broadcast	USPAT; US-PGPUB	2003/10/07 14:10

-	27	(US-6611958-\$ or US-6546557-\$ or US-6526070-\$ or US-6490727-\$ or US-6457138-\$ or US-6408334-\$ or US-6243364-\$ or US-6154206-\$ or US-6124878-\$ or US-6069957-\$ or US-6040851-\$ or US-5966531-\$ or US-5930361-\$ or US-5867723-\$ or US-5793413-\$ or US-5666487-\$ or US-5630204-\$ or US-5581778-\$ or US-5579527-\$ or US-5570295-\$ or US-5557798-\$ or US-5187787-\$ or US-5257369-\$ or US-5339392-\$ or US-5537417-\$ or US-5544161-\$).did. or (US-20030133050-\$).did.	USPAT; US-PGPUB	2003/10/07 14:11
-	27	((US-6611958-\$ or US-6546557-\$ or US-6526070-\$ or US-6490727-\$ or US-6457138-\$ or US-6408334-\$ or US-6243364-\$ or US-6154206-\$ or US-6124878-\$ or US-6069957-\$ or US-6040851-\$ or US-5966531-\$ or US-5930361-\$ or US-5867723-\$ or US-5793413-\$ or US-5666487-\$ or US-5630204-\$ or US-5581778-\$ or US-5579527-\$ or US-5570295-\$ or US-5557798-\$ or US-5187787-\$ or US-5257369-\$ or US-5339392-\$ or US-5537417-\$ or US-5544161-\$).did. or (US-20030133050-\$).did.) and ("OOB" "out of band")	USPAT; US-PGPUB	2003/10/07 14:15
-	27	((US-6611958-\$ or US-6546557-\$ or US-6526070-\$ or US-6490727-\$ or US-6457138-\$ or US-6408334-\$ or US-6243364-\$ or US-6154206-\$ or US-6124878-\$ or US-6069957-\$ or US-6040851-\$ or US-5966531-\$ or US-5930361-\$ or US-5867723-\$ or US-5793413-\$ or US-5666487-\$ or US-5630204-\$ or US-5581778-\$ or US-5579527-\$ or US-5570295-\$ or US-5557798-\$ or US-5187787-\$ or US-5257369-\$ or US-5339392-\$ or US-5537417-\$ or US-5544161-\$).did. or (US-20030133050-\$).did.) and ("OOB" "out of band" "out-of-band")	USPAT; US-PGPUB	2003/10/07 14:15
-	3501	@ad<19991112 and ("OOB" "out of band" "out-of-band")	USPAT; US-PGPUB	2003/10/07 14:16
-	26	@ad<19991112 and (("OOB" "out of band" "out-of-band") near (allow\$3 enable\$3 benefit\$5 because))	USPAT; US-PGPUB	2003/10/07 14:17
-	5	@ad<19991112 and (("OOB" "out of band" "out-of-band") near ("conditional access" entitlement authorization))	USPAT; US-PGPUB	2003/10/07 14:19
-	15212	@ad<19991112 and (("OOB" "out of band" "out-of-band") same ("conditional access" entitlement authorization))	USPAT; US-PGPUB	2003/10/07 14:19
-	91	@ad<19991112 and (("OOB" "out of band" "out-of-band") same ("conditional access" entitlement authorization))	USPAT; US-PGPUB	2003/10/07 14:27
-	633	@ad<19991112 and (("OOB" "out of band" "out-of-band") same (bandwidth))	USPAT; US-PGPUB	2003/10/07 14:27
-	23	@ad<19991112 and (("OOB" "out of band" "out-of-band") near (bandwidth))	USPAT; US-PGPUB	2003/10/07 14:27

	32	signatures near compromis\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB	2003/10/07 15:05
	4	"signatures" same (compromis\$3 near algorithm)	USPAT; US-PGPUB	2003/10/07 15:06
	1	("6256393").PN.	USPAT; US-PGPUB	2003/10/07 16:42
	715	(general and instrument and corporation).as. ("GI Corporation").as.	USPAT; US-PGPUB	2003/10/07 16:43
	21	((general and instrument and corporation).as. ("GI Corporation").as.) and (access adj control)) and object	USPAT; US-PGPUB	2003/10/07 16:44
	7	((((general and instrument and corporation).as. ("GI Corporation").as.) and (access adj control)) and object) and (signature sign hash)	USPAT; US-PGPUB	2003/10/07 16:45
	25	((general and instrument and corporation).as. ("GI Corporation").as.) and (eisenbart chen murphy).in.	USPAT	2003/10/07 16:47
	1	((general and instrument and corporation).as. ("GI Corporation").as.) and (eisenbart (chen and ann\$3) (murphy and pat\$5)).in.	USPAT	2003/10/07 16:47
	66	((general and instrument and corporation).as. ("GI Corporation").as.) and (access adj control)	USPAT; US-PGPUB	2003/10/07 17:15
	17	((("4982430") or ("4710955") or ("4599647") or ("6493876") or ("6424714") or ("6157719") or ("6105134") or ("6005938") or ("5870474") or ("5742677") or ("5606609") or ("5604528") or ("5311325") or ("5285497") or ("4890321") or ("4866770") or ("4829569")).PN.	USPAT; US-PGPUB	2003/10/08 09:19
	15	6005938.URPN.	USPAT	2003/10/08 09:10
	0	@ad<19991112 and ((concatenat\$3 combin\$3 merg\$3 consolidat\$3) near ((ECM" entitlement) and instance))	USPAT; US-PGPUB	2003/10/08 09:21
	7	@ad<19991112 and ((concatenat\$3 combin\$3 merg\$3 consolidat\$3) same ((ECM" entitlement) and instance))	USPAT; US-PGPUB	2003/10/08 09:21
	12	@ad<19991112 and ((concatenat\$3 combin\$3 merg\$3 consolidat\$3) same ((ECM" entitlement) same (instance object)))	USPAT; US-PGPUB	2003/10/08 09:27
	219	@ad<19991112 and "digital signature" and (sign\$9 near (multiple several plurality))	USPAT; US-PGPUB	2003/10/08 09:28
	213	@ad<19991112 and "digital signature" and (sign\$9 adj2 (multiple several plurality))	USPAT; US-PGPUB	2003/10/08 09:32
	78	@ad<19991112 and "digital signature" and (sign\$9 adj2 (group))	USPAT; US-PGPUB	2003/10/08 10:04
	25	"6005938"	USPAT; US-PGPUB	2003/10/08 10:05
	1	("6005938").PN.	USPAT; US-PGPUB	2003/10/08 10:55
	1	("6154206").PN.	USPAT; US-PGPUB	2003/10/08 12:35
	3	("5058160"   "5784095"   "5990927").PN.	USPAT	2003/10/08 10:55

	24	( "4092596"   "4109281"   "4322745"   "4450477"   "4475123"   "4494138"   "4536791"   "4587651"   "4597077"   "4611242"   "4623920"   "4633309"   "4679191"   "4682360"   "4694490"   "4712239"   "4716588"   "4736421"   "4739510"   "4760597"   "4763317"   "4802214"   "4817144"   "4823386" ).PN.	USPAT	2003/10/08 10:56
	100	4450477.URPN.	USPAT	2003/10/08 11:02
	181	( "out of band" "out-of-band") same ("EMM" "ECM" entitlement authorization validation verification authenticaiton)	USPAT; US-PGPUB	2003/10/08 12:36
	114	( ("out of band" "out-of-band") same ("EMM" "ECM" entitlement authorization validation verification authenticaiton)) and @ad<19991112	USPAT; US-PGPUB	2003/10/08 12:39
	0	( ("out of band" "out-of-band") same ("EMM" "ECM" entitlement authorization validation verification authenticaiton)) and @ad<19991112) and "out of band"	USPAT; US-PGPUB	2003/10/08 12:39
	114	( ("out of band" "out-of-band") same ("EMM" "ECM" entitlement authorization validation verification authenticaiton)) and @ad<19991112) and "out-of-band"	USPAT; US-PGPUB	2003/10/08 12:58
	1	5933498.pn.	USPAT;	2003/10/08 13:18
	9	( ("5005200") or ("5185794") or ("5247364") or ("5870474") or ("5933498") or ("6005938") or ("6105134") or ("6157721") or ("6256393") ).PN.	USPAT; US-PGPUB	2003/10/08 13:18

09/493,984

NPL Search history

*Google*

Entitlement AND “digital signature”  
 (“ECM” OR “EMM”) AND (“access control”)

*ACM*

+ (“ECM” “EMM”) entitlement signature  
 “access control”  
 +object +authentication ecm emm entitlement

*IEEE*

(“ECM” <or> “EMM” <or> entitlement) <and> “access control”  
 (“ECM” <or> “EMM” <or> entitlement) <and> (signature <or> hash <or> digest)  
 object <and> signature <and> authentication